

SPU-34

Airborne intercommunication system



SPU-34 provides:

- telephone intercommunication between the crew, as well as between crew and passengers;
- outside telephone intercommunication via radio sets;
- listening to navigation devices;
- listening to special signals;
- voice data output to the cockpit voice recorder

Appliance design approval

№СГКИ-023-211-СПУ-34
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Some SPU-34 versions include marker receiver with antenna input and provide:

- receiving radio signals from marker beacons;
- generation of voice and light indication in the presence of radio signals.



SPU-34 versions

SPU-34 versions differ in composition, quantity of connected headsets and radio sets and by the availability of a built-in marker receiver.

Version	Component	Quantity of headsets	Quantity of radio sets	Marker receiver availability
SPU-34B1	B8B-34 (1) unit	1	1	-
SPU-34A1	B8A-34 (1) unit	1	2	-
SPU-34B	B8B-34 (1), B7B-34 (1) units	2	1	-
SPU-34A	B8A-34 (1), B7A-34 (1) units	2	2	-
SPU-34V	B8V-34 (1), B7V-34 (1), B7D-34 (1) units	3	3	-
SPU-34BM	B8B-34 (1), B7B-34M (1) units	2	1	+
SPU-34AM	B8A-34 (1), B7A-34M (1) units	2	2	+
SPU-34VM	B8V-34 (1), B7V-34M (1), B7D-34 (1) units	3	3	+

Specifications:

Parameter	Value
The quantity of the connected to the intercom:	
headsets of the pilots/passengers	1-2/1
radio set	1-3
radio navigation devices	2
audio warning transducers+VWS	5
cockpit voice recorder	1-2
The frequency range of the internal and external communications, Hz	300-4000
Power supply from aircraft mains, V	24-29.4
Power consumption, W, max	6
Weight, kg, max	
B8A-34, B8B-34, B8V-34	0.4
B7A-34, B7B-34, B7V-34	0.45
B7A-34M, B7B-34M, B7V-34M	0.55
B7D-34	0.25
Dimensions (WxHxD), mm	
B8A-34, B8B-34, B8V-34	146x32x140
B7A-34, B7B-34, B7V-34	146x32x140
B7A-34M, B7B-34M, B7V-34M	146x32x166
B7D-34	146x32x123
Operating temperature, °C	
high / low	+ 55/ -55